Salon Laser Scanning Hair Remover LAHC2

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With the Rio Salon Laser Scanning Hair Remover, you can now enjoy the benefits of permanent hair reduction without expensive salon treatments.

Laser hair removal works by sending a laser beam to the hair follicle with enough energy to destroy the root without affecting the surrounding area.

Two treatment modes:

1.treats individual hairs

2.scans larger areas treating up to 20 hairs* in a few seconds.

*Scanned treatment area on facial hair

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Advantages of Laser treatment:

- Permanent hair reduction
- Easy to do
- No expensive consumables
- Targets multiple hairs
- No painful needles

SUITABLE SKIN TYPES

Melanin in the epidermis also absorbs the energy and limits the depth of penetration of the laser light into the skin. Using a light wavelength of 808nm enables treatment of relatively dark skin as well as fair-skinned types.

Laser hair treatment is not suitable for Afro Caribbean or black skin complexions. Laser treatment is also ineffective in removal of white or grey hair.

Electrolysis should be considered as an alternative treatment.

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HOW TO USE

Read and understand the Information Guide provided before you get started and watch the step-by-step DVD for great tips and techniques. **For best results we recommended that you use the SCAN mode on hairs that have been trimmed to 1mm-2mm in length.**

24 hours before treatment it is very important to do a patch test. The patch test will confirm the maximum power level for your skin type. Each area to be treated must be checked as skin colour can vary.

By using the +/- buttons to select the correct power level for your skin type you're ready to go. Press the SCAN button once and place the wand on your skin then press and hold the button on the wand to zap the hairs. After that you can move onto the next area of hairs to be treated until you are done.

Treated hairs don't always fall out immediately as they are shed over time as they are released from the hair follicle so be patient. **Laser hair removal is generally considered to be effective after 6 treatments over a 6-month period.** IPL (Intense Pulse Light) home approved products generally require ongoing treatments every two weeks to prevent hair regrowth.

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THE RIO SALON LASER SCANNING HAIR REMOVER

You can now enjoy the benefits of permanent hair reduction without paying for expensive salon treatments. Home laser hair removal is suitable for most areas including facial hair, underarms, arms, legs and bikini line.

The Rio SALON LASER SCANNING HAIR REMOVER works by sending a laser beam to the hair follicle with enough energy to destroy the root, without it affecting the surrounding area. This process is known as photothermolysis. Unlike home use IPL (Intense Pulse Light) the results of laser treatments are permanent.

LASER HAIR REMOVAL OR IPL?

Home use IPL (Intense Pulse Light) recommends continued, on going treatment of the area every two weeks to prevent hair regrowth. This is because IPL doesn't destroy the hair root, so regrowth will occur if the treatment is not repeated every two weeks. Laser Hair Removal technology actually destroys the hair root giving permanent hair reduction.

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LASER HAIR REMOVAL EXPLAINED

Lasers deliver an intense beam of light which are made up of a single wavelength or colour. Skin is essentially transparent to light with a wavelength of 808 (nano meters), while melanin containing structures will absorb laser energy of this wavelength. It is therefore possible to target the hair follicle that has a concentration of melanin without affecting the surrounding area.

The light energy absorbed by the melanin pigment results in the rapid heating up of the hair follicle. This heat destroys the cells (papilla) responsible for hair growth. If adequate heating is achieved, then the follicle is permanently disabled resulting in a permanent reduction in hair growth.

Note: This is different from home IPL (Intense Pulse Light) which requires continued treatments every two weeks to prevent hair regrowth.

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Safety features:

- Security key to avoid misuse
- User security button sequence
- 808 nm diverging laser
- Skin contact detector
- Digital power output control

Contents:

- Scanning Hair Removal System Unit
- Wand with 230v Power Adapter
- Step-by-Step DVD
- Full Instructions
- Information Guide

- **Power Levels:** 5
- **Output:** 808 nm
- **Packed Product Dimensions:**(height x width x depth) 295 x 240 x 90 mm
- **Un-packed Product Dimensions:** (height x width x depth) 63 x 287 x 238 mm
- **AC/DC Adaptor:** Yes
- **Mains Operated:** Yes
- **Manufacturer's Age Recommendation**: n/a
- **Packed Weight (Kg):** 1.4537
- **Product Net Weight (Kg):** 1.304
- **Manufacturer's Guarantee:** 2 years
- **Barcode:** 5019487083036

Frequently Asked Questions About Laser Hair Reduction

- **How do I choose between Laser technology and IPL (Intense Pulse Light)?**

With IPL in the home the hair root is not destroyed and as such you are required to retreat each area every two weeks to prevent hair regrowth. With Laser technology the hair root is destroyed giving permanent hair reduction.

- **How should I prepare my skin and hairs for laser hair removal?**

Laser hair removal does not require any special skin preparations. Laser hair removal is most effective on pale skin so we recommend avoiding sunbathing, sun beds and fake tanning if possible The best results are on hairs which are only 1-3 mm long, we recommend trimming the hairs before treatment. Alternatively, you can shave before treatment as long as the hair is still visible at the root.

- **How will my skin appear after the treatment?**

Generally no perceptible changes will be apparent. A slight redness after treatment may occur but will normally fade over 24 hours. Any localised redness after treatment is caused by the destruction of the hair follicles and is quite normal.

- **What areas can I treat?**

Most body hair can be removed using Laser Hair Removal - the most common areas are the face, underarms, legs, chest, back and bikini line. We do NOT recommend using laser hair removal on eyebrows.

Frequently Asked Questions About Laser Hair Reduction cont

- **How often can I repeat the treatment?**

As long as the hair follicle or surrounding skin is not red, sore or inflamed, treatment can be repeated after 24 hours. Most people wait 3-4 weeks between treatments to see which hairs have been shed and to identify new re-growth.

- **How many treatments will I need?**

Laser hair removal is generally considered to be effective after 6 treatments over a 6 month period. This varies by person and the area being treated, hair density, hair growth cycle and colour. Dark hair on fair skin responds best, but both dark and fair hair may take several treatments for long-term results. Some individuals may require more, and some fewer treatments, to achieve satisfaction. Initially you will notice a gradual reduction of the number of hairs. Women who suffer excessive hair growth due to male type hormones are likely to require long term maintenance.

- **Can I use other hair removal methods between treatments?**

Laser hair removal needs a hair to be present in the follicle, hair removal methods which pluck the hair, such as waxing, epilators and tweezing are NOT suitable for use between treatments. Bleaching hairs is also NOT suitable as it removes the pigment and renders the laser ineffective. Shaving, micro-dermabrasion discs and cream depilatories are ideal for use between treatments.

- **Is there any aftercare routine I should follow?**

Sun exposure or deep tanning should be avoided for at least a week. If the skin is exposed use a sunscreen. Also avoid using abrasive cleansers or skin peeling treatments. Avoid swimming in chlorinated water or using a hot tub for 48 hours.

JINNAH MEDICAL COLLEGE, LAHORE, PAKISTAN. LASER HAIR REMOVAL WITH AN 800 NM DIODE LASER

STUDY: A retrospective study of 1000 women with Fitzpatric Skin Types II and VI.

CONCLUSION: For the 500 women treated on their entire face and neck, apparent hair reduction was estimated to be in the 70% to 80% after five to six treatments. In other areas hair reduction was higher ranging from 80% to 95% with the women achieving satisfactory results within four or five treatments.

HARVARD MEDICAL SCHOOL / LASER CENTER OF NEW YORK. EFFECTIVE, PERMANENT HAIR REDUCTION USING A PULSED, DIODE LASER

STUDY: 92 patients treated at two separate facilities, comprising 45 males and 47 females with varying hair colours and skin types. Treatments were made at 0, 1, 3, 6 and 9 months.

CONCLUSION: 89% of patients achieved significant permanent hair reduction in this large, long-term, blind, controlled and quantitative study. Many patients had nearly complete, permanent hair reduction after two treatments. Re-growing hair was typically thinner and lighter in colour, adding to the cosmetic benefit.

HARVARD MEDICAL SCHOOL. STUDY OF DIODE LASER FOR HAIR REDUCTION ON ALL SKIN TYPES

STUDY: Forty subjects, 25 female and 15 males with coarse, dark hair on their thigh and backs were treated.

CONCLUSION: An 800 nm diode laser provides for effective, long-term hair reduction of medium to coarse pigmented hair, even in some darker-skinned patients. Both short-term hair growth delay and permanent hair reduction was observed. In addition, when hair re-growth did occur, the hair was thinner and lighter.

JAPANESE SOCIETY OF AESTHETIC SURGERY 1999. LECTURE PRESENTED

STUDY: Reported on a multicenter clinical trial study involving 150 patients. The study involved six treatments given 1 - 2 months apart with patients being followed for at least six months after the last treatment.

CONCLUSION: 93% of females and 80% of males had significant permanent hair reduction.